

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

UNITED STATES
DEPARTMENT OF AGRICULTURE
LIBRARY



BOOK NUMBER

351509

1

An52An

405-476

1941-1946

U. S. DEPARTMENT OF AGRICULTURE
UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURE RESEARCH ADMINISTRATION
SERVICE AND REGULATORY ANNOUNCEMENTS
BUREAU OF ANIMAL INDUSTRY

JUNE 1945

This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which official inspection work is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year (foreign, 60 cents). A supply will be sent to each official in charge of a station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.

CONTENTS

Changes in Directory	Page
Livestock inspected when offered for importation, May 1945	35
Summary of tuberculosis-eradication work in cooperation with States, May 1945	35
Summary of brucellosis (Bang's disease) work in cooperation with States, May 1945	36
Biological products prepared under licenses, May 1945	37
Inspections and tests in the production of anti-hog-cholera serum and hog-cholera virus under licenses, May 1945	38
Meritorious promotion	38

CHANGES IN DIRECTORY

Change of Official in Charge

Alfred L. Baker succeeds Albert O. Rhoad (resigned) at Jeanerette, La., effective June 16, 1945.

Dr. Ben H. Steigleder succeeds Dr. John Dickson (retired) as acting inspector in charge of public stockyards inspection at Chicago, Ill., effective June 16, 1945.

LIVESTOCK INSPECTED WHEN OFFERED FOR IMPORTATION, MAY 1945

Port of entry	Cattle	Swine	Sheep	Goats	Horses	Mules and asses
Mexican border ports.....	43, 243				480	18
Canadian border ports.....	9, 842	165	12, 930	51	1, 908	1
Total—						
May 1945.....	53, 085	165	12, 930	51	2, 388	19
May 1944.....	40, 475	8	16	5	3, 910	115

Refused Entry: 1,170 cattle, 1 sheep and 1 horse. (These figures not included in the table above.)

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, MAY 1945

State or Territory	Tuberculin tests during month			Accred- ited herds ¹	Herds under super- vision	Inspector in charge	State official
	Cattle	Infected prem- ises	Cattle re- acted				
Alabama.....	2,239	1	1	686	271,561	B. N. Lauderdale.	I. S. McAdory, Auburn.
Arizona.....	3,591	3	3	2	12,593	F. L. Schneider....	Vego Mikkelsen, Phoenix.
Arkansas.....	850	1	1	0	228,256	A. W. Rice.....	Joe S. Campbell, Little Rock.
California.....	53,992	18	72	7	74,669	H. M. O'Rear.....	A. K. Carr, Sacramento.
Colorado.....	1,493	4	4	25	60,846	Edgar Heiny.....	R. M. Gow, Denver.
Connecticut.....	16,255	10	34	17,865	18,972	R. L. Smith.....	Claude Jones, Hartford.
Delaware.....	3,629	4	9	2,120	7,625	O. L. Lockwood....	Harry McDaniel, Jr., Dover.
Dist. of Col.....	0	0	0	2	17	A. E. Wight.....	
Florida.....	4,420	0	0	46	67,656	T. H. Applewhite....	J. V. Knapp, Tallahassee.
Georgia.....	1,516	1	1	77	242,980	W. C. Dendinger....	Tom Linder, Atlanta.
Idaho.....	5,699	1	1	30	51,500	F. F. Fischer.....	A. P. Schneider, Boise.
Illinois.....	63,869	104	210	721	244,204	A. K. Kuttler.....	C. E. Fidler, Springfield.
Indiana.....	15,321	13	13	1,172	147,750	W. A. Sullivan.....	G. E. Botkin, Indianap- apolis.
Iowa.....	20,592	39	65	530	194,440	J. A. Barger.....	C. C. Franks, Des Moines.
Kansas.....	5,767	9	11	151	171,032	W. E. Logan.....	Will J. Miller, Topeka.
Kentucky.....	3,595	6	35	18	163,867	E. E. Coshaw.....	B. F. Pigg, Frankfort.
Louisiana.....	1,706	1	1	0	148,804	W. A. McDonald....	E. P. Flower, Baton Rouge
Maine.....	2,454	1	3	174	43,817	B. J. Cady.....	Francis G. Buzzell, Au- gusta.
Maryland.....	25,637	12	22	14,663	45,031	O. L. Lockwood....	A. L. Brueckner, Balti- more.
Massachusetts.....	23,359	19	43	19,520	20,815	E. M. Aldrich.....	Harrie W. Peirce, Boston.
Michigan.....	18,592	20	26	56	207,087	C. H. Hays.....	C. H. Clark, Lansing.
Minnesota.....	8,661	10	30	602	184,655	W. J. Fretz.....	Ralph L. West, St. Paul.
Mississippi.....	945	0	0	5	260,172	Hartwell Robbins....	H. C. Simmons, Jackson.
Missouri.....	7,085	0	0	57	239,687	E. C. Hughes.....	H. E. Curry, Jefferson City.
Montana.....	1,570	1	1	19	73,033	G. W. Cronen.....	W. J. Butler, Helena.
Nebraska.....	1,530	0	0	24	135,277	J. W. Murdoch.....	J. R. Snyder, Lincoln.
Nevada.....	804	0	0	0	3,441	S. H. Still.....	W. B. Earl, Reno.
New Hampshire.....	10,050	4	7	16,985	20,343	E. M. Aldrich.....	R. W. Smith, Concord.
New Jersey.....	26,246	159	836	13,208	15,838	J. R. Porteus.....	R. A. Hendershott, Tren- ton.
New Mexico.....	354	1	1	3	25,450	F. L. Schneider.....	Sam McCue, Albuquerque.
New York.....	134,253	71	309	115,900	126,978	H. B. Leonard.....	Ivan G. Howe, Albany.
North Carolina.....	5,755	0	0	562	256,713	A. A. Husman.....	William Moore, Raleigh.
North Dakota.....	2,842	0	0	118	68,083	F. C. Driver.....	T. O. Brandenburg, Bis- marck.
Ohio.....	30,810	20	25	684	237,260	A. J. DeFosset.....	D. C. Hyde, Columbus.
Oklahoma.....	2,777	3	30	15	160,431	C. H. Fauks.....	W. W. Rosenberry, Okla- homa City.
Oregon.....	8,833	24	39	2,168	150,176	S. B. Foster.....	W. H. Lytle, Salem.
Pennsylvania.....	38,718	49	117	6,432	164,565	J. B. Reidy.....	C. P. Bishop, Harrisburg.
Rhode Island.....	4,594	4	52	2,503	2,815	E. M. Aldrich.....	J. S. Barber, Providence.
South Carolina.....	710	0	0	113	57,429	W. K. Lewis.....	W. K. Lewis, Columbia.
South Dakota.....	2,390	2	2	3	73,365	Neil Plank.....	R. S. Robinson, Pierre.
Tennessee.....	1,459	3	6	23	294,936	H. L. Fry.....	C. E. Kord, Nashville.
Texas.....	19,768	2	2	62	372,281	H. L. Darby.....	E. A. Grist, Fort Worth.
Utah.....	4,814	4	4	0	87,311	F. H. Melvin.....	J. I. Curtis, Salt Lake City.
Vermont.....	39,460	15	36	15,627	22,016	N. H. Howlett.....	Stanley Judd, Montpelier.
Virginia.....	10,980	4	6	486	199,500	H. S. Miller.....	H. C. Givens, Richmond.
Washington.....	14,786	19	19	8	82,593	J. C. Exline.....	H. A. Trippier, Olympia.
West Virginia.....	2,730	0	0	612	115,874	H. M. Newton.....	T. C. Green, Charleston.
Wisconsin.....	52,192	11	41	4,375	180,615	J. S. Healy.....	V. S. Larson, Madison.
Wyoming.....	1,889	1	1	2	21,914	W. I. Bowersox.....	George H. Good, Cheyenne.
Hawaii.....	4,424	3	7	0	1,800	A. H. Julien.....	E. B. Willers, Honolulu.
Puerto Rico.....	5,987	4	5	0	62,568	E. E. Maas.....	Luis A. Izquierdo, San Juan.
Virgin Islands.....	0	0	0	0	420do.....	Ralph L. Williams, Christ- tianssted.
Total.....	721,932	681	2,131	238,461	6,120,981		

¹ All States are 100 percent modified accredited. Puerto Rico and the Virgin Islands are also in the modified accredited area.

SUMMARY OF BRUCELLOSIS (BANG'S DISEASE) WORK IN COOPERATION WITH STATES, MAY 1945¹

State or territory	Tests made of blood samples during month		Tests of herds containing reactors				Calves vaccinated during month	Modified accredited counties	Total accredited		Herds under supervision	Total cattle on waiting list
	Herds	Cattle	Herds	Cattle	Reactors				Herds	Cattle		
					For slaughter	Held in calfhood vaccinated herds ²						
Alabama.....	923	11,173	97	6,741	361	91	1,063	40	12	658	174,218	3,818
Arizona.....	155	1,246	24	307	55	1	108	0	2	125	11,204	1,000
Arkansas.....	230	3,429	58	1,550	16	146	195	64	0	0	222,058	0
Colorado.....	311	1,980	50	533	0	111	1,288	0	9	417	3,433	2,221
Connecticut.....	182	3,217	37	1,102	94	0	128	0	508	7,603	892	0
Delaware.....	138	1,891	17	360	11	27	192	0	514	10,115	5,195	0
Florida.....	514	10,527	80	5,502	637	3	425	0	118	7,321	31,917	0
Georgia.....	907	6,551	35	1,002	89	0	2	65	37	2,504	129,025	205,458
Idaho.....	189	1,762	54	801	80	37	187	9	381	6,815	45,129	0
Illinois.....	3,673	41,420	835	15,594	246	2,335	4,034	0	153	3,421	83,341	25,144
Indiana.....	50	337	0	0	0	0	0	0	2,703	56,562	5,560	500
Iowa.....	1,108	11,315	423	6,143	1,062	0	3,780	0	2,759	44,086	34,765	4,955
Kansas.....	1,112	9,257	267	3,077	617	0	4	0	272	6,060	9,929	1,742
Kentucky.....	136	3,118	37	1,055	87	52	191	0	95	1,974	37,062	2,980
Louisiana ³	1,313	7,824	401	2,108	1,086	177	1,736	21	0	0	62,022	27,193
Maine.....	993	14,565	191	3,904	201	118	575	7	94	2,645	29,311	20,265
Maryland.....	648	9,280	93	1,917	189	50	1,355	7	3,284	57,019	26,128	0
Massachusetts.....	10	447	2	157	0	2	664	0	87	4,290	4,663	0
Michigan.....	1,766	19,849	238	3,637	338	263	480	30	1,239	31,548	30,381	125
Minnesota.....	1,751	28,712	374	6,034	921	0	2,434	22	315	9,230	95,956	57,731
Mississippi.....	574	5,049	48	1,118	282	0	0	6	151	4,725	8,227	0
Missouri.....	0	0	0	0	0	0	0	0	20	1,472	94,665	0
Montana.....	203	2,314	31	748	91	37	271	0	15	856	3,538	0
Nebraska.....	169	2,399	40	579	84	0	98	0	114	2,791	7,202	0
Nevada.....	36	596	3	46	0	4	54	0	57	1,875	339	0
New Hampshire.....	1,905	17,315	224	3,950	412	0	490	4	9,681	72,992	16,671	0
New Jersey.....	231	5,213	42	1,706	37	50	285	0	843	12,066	1,673	0
New Mexico.....	190	2,288	13	359	34	0	63	0	38	1,525	11,399	2,000
New York.....	1,082	28,422	821	23,695	5	3,539	11,385	0	2,410	42,660	25,897	150,000
North Carolina.....	858	11,838	56	2,403	133	8	41	100	627	25,143	249,084	0
North Dakota.....	869	16,050	154	2,790	528	0	426	26	12	528	54,972	159,090
Ohio.....	439	6,821	155	2,436	363	10	863	6	3,184	59,222	66,257	31,000
Oklahoma.....	272	5,392	85	2,288	199	58	235	0	480	11,253	1,732	1,324
Oregon.....	1,932	17,064	143	3,800	365	8	239	17	0	0	115,138	0
Pennsylvania.....	3,731	55,749	755	15,591	1,874	0	2,032	21	6,204	144,031	76,358	135,284
Rhode Island.....	9	345	2	29	0	6	27	0	37	668	81	0
South Carolina.....	199	3,272	30	1,112	83	0	22	10	79	5,242	41,327	3,000
South Dakota.....	155	2,256	47	949	55	181	858	0	11	497	3,270	3,500
Tennessee.....	138	4,504	72	2,636	142	130	429	5	467	15,364	47,235	4,993
Texas.....	67	1,799	25	631	77	0	437	0	733	13,670	1,542	0
Utah.....	512	3,559	72	1,215	0	158	874	0	3	70	6,680	0
Vermont.....	1,094	20,667	231	3,378	0	282	3,931	0	807	18,265	5,884	14,821
Virginia.....	663	7,605	52	2,052	165	0	352	80	162	9,675	189,128	78,761
Washington.....	631	5,428	41	1,562	148	0	2,233	19	0	0	72,018	0
West Virginia.....	626	7,188	43	1,200	112	0	99	32	262	2,287	73,712	0
Wisconsin.....	905	26,272	385	11,895	1,111	0	8,077	8	6,041	178,733	80,320	23,510
Wyoming.....	122	2,039	15	571	51	55	479	0	8	880	3,941	0
Puerto Rico.....	11	815	8	553	11	10	91	0	0	0	77	1,661
Total.....	33,732	450,159	6,906	150,826	12,452	7,949	53,232	599	45,028	878,913	2,300,556	962,076

¹ Officials in charge of brucellosis work are the same as those listed in summary of tuberculosis eradication work.

² Nonvaccinated reactors held during the month.

³ Figures include private tests not previously reported.

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, MAY 1945

Anti-hog-cholera serum

Period	Preserved (processed)	Completed (batched)	Released	Destroyed
	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>
May 1945.....	92,923,576	85,668,136	87,468,850	381,925
May 1944.....	169,111,561	167,399,647	143,627,000	886,695
11 months ended—				
May 1945.....	1,106,424,625	1,119,208,035	1,079,493,675	4,787,034
May 1944.....	1,873,456,795	1,870,115,361	1,713,187,940	9,779,292

Hog-cholera virus

Period	Produced			Destroyed	
	Simultaneous	Hyperim- munizing	Inoculating	Simultaneous	Hyperim- munizing
	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>
May 1945.....	13,545,746	18,072,166	112,020	514,111	889,545
May 1944.....	12,355,084	34,044,663	132,980	548,542	1,040,277
11 months ended—					
May 1945.....	72,188,947	206,112,824	964,137	5,906,251	7,755,982
May 1944.....	105,264,622	384,699,514	1,800,404	5,754,096	13,468,524

INSPECTIONS AND TESTS IN THE PRODUCTION OF ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS UNDER LICENSES, MAY 1945

Period	Animal in- spections	Animal re- jections	Pigs in- oculated	Hogs hypered	Tests supervised	
					Serum	Virus
May 1945.....	276,083	3,432	28,348	12,283	282	316
May 1944.....	478,423	5,866	42,055	24,383	625	304
11 months ended—						
May 1945.....	2,999,525	32,659	262,324	151,950	4,432	2,128
May 1944.....	5,424,333	65,528	484,594	286,966	7,628	2,896

MERITORIOUS PROMOTION

Effective June 16, 1945, the Bureau is granting Elmer Livengood, scientific aid SP-6, a meritorious promotion from \$2,500 to \$2,600 per annum.

In January of this year, after arrangements had been made to conduct an investigation on cattle-grub control on an area basis near Colorado Springs, Colo., Mr. Livengood's supervisor became seriously ill and had to be hospitalized for approximately 3 months. Mr. Livengood assumed the responsibility of carrying out this research project. With the aid of temporary assistants whom he employed and supervised, 2,295 head of cattle belonging to 8 large operators in an area covering 120 square miles were treated with a cube wash and 3 post-treatment extractions made at intervals of 10, 40, and 70 days after treatment. The post-treatment extractions showed that the medication was 97.5 percent effective in destroying the grubs harbored. The effectiveness of the treatment and the care with which it was applied was further shown by the material reduction of heel fly activity in the area where the control program was carried out. In adjacent untreated areas there was considerable heel fly activity as determined by inspections made in March, April, and May. Mr. Livengood kept careful records, tabulated them with precision and thoroughness, and at the same time carried on his regular office duties. The work performed by Mr. Livengood was that expected of a professional worker of at least grade P-2 rating.





